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UNITED STATES DEPARTMENT OF AGRICULTURE  
AGRICULTURAL MARKETING SERVICE  
COTTON DIVISION - MARKET NEWS SECTION  
4841 SUMMER AVENUE, MEMPHIS, TENNESSEE 38122  
Telephone (901) 521-2934



*United States Cotton Quality Report For Ginnings Prior To January 1, 1978*

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Upland cotton ginned prior to January 1 this season was higher in grade but slightly shorter in staple length than a year earlier, according to the Cotton Division, Agricultural Marketing Service, USDA. White grades 31 and higher comprised over 22 percent of ginnings so far this season, up from 14 percent a year ago. Staples 33 and shorter made up 38 percent of ginnings. This was up from 34 percent through the same period last season. Average mike and fiber strength were higher than a year earlier. Upland cotton ginnings prior to January 1 totaled 13,541,200 running bales. This was equivalent to about 97 percent of the indicated 1977 crop and compares with 96 percent ginned prior to January 1 last year and 94 percent two years ago.

White grades 31 and higher accounted for over 22 percent of upland ginnings prior to January 1 this season. This was the largest percentage in these higher White grades since 1972 when records began on ginnings prior to January 1. About 14 percent of the 1976 crop and almost 20 percent of the 1975 crop, ginned prior to January 1, was in grades 31 and higher. Grade 41 comprised 29 percent of ginnings so far this season, the smallest proportion since records began in 1972 and compared with 37 percent a year earlier and 32 percent two years ago. All White grades made up 72 percent of ginnings against 69 percent a year earlier and 73 percent two years earlier. The Light Spotted grades comprised almost 26 percent of ginnings compared with 21 percent last year and 24 percent in 1975. Spotted and other Colored grades made up almost three percent against 10 percent a year ago and almost four percent two years ago. The average grade index of cotton ginned prior to January 1 this season was 93.3 (grade 31 = 100), up from 91.7 and 92.2 in 1976 and 1975, respectively.

Staples 31 and shorter comprised 16 percent of upland ginnings prior to January 1 this season. This was about the same as a year earlier and compares with 18 percent two years earlier. Staples 32 and 33 made up 21 percent of ginnings so far this season, up from 18 percent a year ago and 10 percent two years ago. Cotton stapling 34 and 35 comprised almost 51 percent of ginnings prior to January 1, down from 54 percent a year earlier and 59 percent in 1975. Staples 36 and longer made up 12 percent this season, the same as a year earlier but down from 13 percent in 1975. The average staple length was 33.7 thirty-seconds inches against 33.8 the two previous years.

Average mike of upland cotton ginned prior to January 1 was 4.4, the highest average mike since 1973. Through the same period last year mike averaged 4.2 and two years ago averaged 4.0. Cotton in the 3.5-4.9 mike range made up 80 percent of ginnings compared with 78 percent last year and 72 percent two years ago. Cotton miking 3.4 and below comprised five percent against 13 and 23 percent in 1976 and 1975, respectively. Cotton with mike of 5.0 and higher comprised 15 percent of ginnings prior to January 1. This was the highest percentage in the higher mike range since records began in 1972 and compares with 10 percent a year ago and six percent two years ago.

Fiber strength of upland cotton ginned prior to January 1 this season averaged 87,400 pounds per square inch (psi), the highest since records began in 1972. A year ago average strength was 86,400 psi and two years ago 86,500 psi. Cotton with strength of 90,000 psi and higher made up 34 percent of ginnings, also the largest proportion since records began and up from 29 percent a year earlier and 30 percent two years ago. Cotton with fiber strength of 79,000 psi and lower comprised eight percent of ginnings against 13 percent the two previous years.



Table 1. Upland cotton in the United States, ginnings and supply, by grade 1/

Grade	Code	December 1-31				Season through December 31				Supply to January 1				Change in supply			
		1976		1977		1976		1977		1976		1977		1977 from 1976			
		Bales	Pct.	Bales	Pct.	Bales	Pct.	Bales	Pct.	1,000 bales	1,000 bales	Pct.	Pct.	1,000 bales	Pct.		
White																	
G.M.	(11)	66	*	28	*	142	*	602	*	**	1	*	*	+1	+100.0		
S.M.	(21)	7,398	0.3	10,867	0.6	24,779	0.3	129,780	0.3	50	157	0.4	1.0	+107	+214.0		
M.+	(30)	444	*	5,842	0.3	1,348	*	67,037	*	23	78	0.2	0.5	+55	+239.1		
M.	(31)	191,514	8.7	326,075	17.4	1,376,175	14.0	2,793,789	14.0	1,880	3,097	14.1	19.0	+1,217	+64.7		
S.L.M.+	(40)	48,943	2.2	116,600	6.2	429,833	4.4	963,293	4.4	760	1,247	5.7	7.6	+487	+64.1		
S.L.M.	(41)	372,295	16.9	485,936	25.8	3,668,226	37.3	3,950,950	37.3	4,514	4,618	33.9	28.3	+104	+2.3		
L.M.+	(50)	21,332	1.0	30,033	1.6	219,317	2.2	303,835	2.2	476	504	3.6	3.1	+28	+5.9		
L.M.	(51)	157,848	7.2	103,179	5.5	879,648	8.9	1,288,296	8.9	1,279	1,563	9.6	9.6	+284	+22.2		
S.G.O.+	(60)	1,844	0.1	1,968	0.1	9,121	0.1	16,437	0.1	20	24	0.1	0.1	+4	+20.0		
S.G.O.	(61)	40,738	1.8	27,615	1.5	117,868	1.2	147,548	1.2	200	209	1.5	1.3	+9	+4.5		
G.O.+	(70)	153	*	131	*	300	*	316	*	1	1	*	*	0	-		
G.O.	(71)	8,865	0.4	5,620	0.3	18,181	0.2	18,397	0.2	29	29	0.2	0.2	0	-		
Light Spotted																	
G.M.	(12)	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
S.M.	(22)	1,585	0.1	2,202	0.1	5,160	0.1	21,638	0.1	9	24	0.1	0.1	+15	+166.7		
M.	(32)	182,621	8.3	292,277	15.6	556,767	5.7	1,318,567	5.7	733	1,479	5.5	9.1	+746	+101.8		
S.L.M.	(42)	406,031	18.3	320,133	17.1	1,129,580	11.5	1,681,727	11.5	1,507	1,975	11.3	12.1	+468	+31.1		
L.M.	(52)	169,224	7.7	78,892	4.2	406,516	4.1	478,434	4.1	580	597	4.3	3.7	+17	+2.9		
Spotted																	
G.M.	(13)	-	-	-	-	-	-	14	-	-	**	-	*	0	-		
S.M.	(23)	749	*	186	*	2,901	*	1,652	*	5	6	*	*	+1	+20.0		
M.	(33)	127,123	5.8	10,428	0.6	244,069	2.5	39,757	2.5	310	122	2.3	0.7	-188	-60.6		
S.L.M.	(43)	251,072	11.4	24,886	1.3	409,591	4.2	150,865	4.2	513	289	3.8	1.8	-224	-43.7		
L.M.	(53)	103,092	4.7	19,091	1.0	166,537	1.7	99,259	1.7	222	154	1.7	0.9	-68	-30.6		
Tinged 2/	(24-54)	88,698	4.0	2,482	0.2	116,098	1.2	8,741	1.2	149	55	1.1	0.3	-94	-63.1		
Stained 2/	(25-35)	1,319	0.1	7	*	1,684	*	24	*	7	1	0.1	*	-6	-85.7		
Light Gray																	
G.M.	(16)	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
S.M.	(26)	486	*	236	*	1,351	*	1,786	*	2	2	*	*	0	-		
M.	(36)	978	*	971	0.1	7,503	0.1	11,350	0.1	10	14	0.1	0.1	+4	+40.0		
S.L.M.	(46)	1,402	0.1	733	*	2,562	*	4,532	*	4	11	*	0.1	+7	+175.0		
Gray																	
G.M.	(17)	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
S.M.	(27)	-	-	-	-	-	-	36	-	-	**	-	*	0	-		
M.	(37)	68	*	59	*	153	*	403	*	**	**	*	*	0	-		
S.L.M.	(47)	221	*	33	*	327	*	696	*	1	1	*	*	0	-		
Below Grade 3/		18,908	0.9	10,200	0.5	33,154	0.3	41,407	0.3	58	65	0.4	0.4	+7	+12.1		
All grades		2,205,017	100.0	1,876,710	100.0	9,828,891	100.0	13,541,168	100.0	13,342	16,323	100.0	100.0	+2,981	+22.3		

1/ Data for current season are preliminary.

2/ Includes all grades.

3/ Bales that are lower in grade than the lowest official standard for the corresponding color group.

\* Less than 0.05 percent. \*\* Less than 500 bales.



Table 2. Upland cotton in the United States, ginnings and supply, by staple 1/

Staple	December 1-31			Season through December 31			Supply to January 1			Change in Supply	
	1976		1977	1976		1977	1976		1977	1977 from 1976	
	Bales	Bales	Pct.	Bales	Bales	Pct.	1,000 bales	1,000 bales	Pct.	1,000 bales	Pct.
26 and shorter	126	108	*	541	413	*	1	1,000	*	-1	-100.0
28	2,950	1,776	0.1	7,801	6,532	0.1	24	8	0.2	-16	-66.7
29	27,543	12,349	1.2	74,264	56,673	0.8	145	75	1.1	-70	-48.3
30	223,817	105,168	10.2	537,251	614,699	5.5	760	738	5.7	-22	-2.9
31	450,745	310,676	20.4	896,452	1,545,561	9.1	1,088	1,707	8.2	+619	+56.9
32	372,682	410,777	16.9	789,626	1,577,311	8.0	1,003	1,832	7.5	+829	+82.7
33	212,069	187,888	9.6	992,633	1,316,990	10.1	1,349	1,645	10.1	+296	+21.9
34	310,997	247,951	14.1	2,442,434	2,362,699	24.8	3,440	3,248	25.8	-192	-5.6
35	456,991	424,086	20.9	2,887,150	4,498,423	29.5	3,960	5,235	29.7	+1,275	+32.2
36	140,387	170,034	6.4	1,163,188	1,483,129	11.8	1,481	1,706	11.1	+225	+15.2
37	5,209	3,991	0.2	33,239	70,333	0.3	72	105	0.5	+33	+45.8
38	624	79	*	1,913	1,725	*	14	10	0.1	-4	-28.6
39	350	451	*	794	1,956	*	1	2	*	+1	+100.0
40 and longer	527	1,376	*	1,605	4,724	*	4	12	*	+8	+200.0
All staples	2,205,017	1,876,710	100.0	9,828,891	13,541,168	100.0	13,342	16,323	100.0	+2,981	+22.3

1/ Data for current season are preliminary.

\* Less than 0.05 percent.

\*\* Less than 500 bales.

Table 3. Specified measures of quality for upland ginnings 1/

Item	December 1-31		Season through December 31		Supply to January 1	
	1976	1977	1976	1977	1976	1977
Grade index (Mid. White=100)	88.5	92.9	91.7	93.3	91.6	92.8
Average staple, 32nd. inch	32.8	33.1	33.7	33.7	33.8	33.7
Rough preparation, percent	*	0.1	*	*	-	-
Tenderable, percent 2/	31.7	58.6	57.5	63.7	-	-
Average mike reading	3.8	4.2	4.2	4.4	-	-
Average fiber strength (Mosi)	84.1	87.0	86.4	87.4	-	-

1/ Data for current season are preliminary.

2/ Tenderable for grade, staple and mike in settlement of futures contracts.

\* Less than 0.05 percent.

Table 4. Percentage distribution of micronaire readings for upland ginnings prior to January 1, this season and last season, by states 1/

State	2.6 and below		2.7-2.9		3.0-3.2		3.3-3.4		3.5-3.9		4.0-4.4		4.5-4.9		5.0-5.2		5.3 and above		Totals						Average mike	
	1976	1977	1976	1977	1976	1977	1976	1977	1976	1977	1976	1977	1976	1977	1976	1977	1976	1977	1976	1977	1976	1977	1976	1977		
																									Below 3.5	3.5-4.9
N. C.	-	-	0.1	*	0.3	*	1.3	0.2	16.0	1.1	42.7	5.6	34.6	46.0	4.4	32.1	0.6	15.0	1.7	0.2	93.3	52.7	5.0	47.1	4.3	4.9
S. C.	*	-	0.1	0.2	0.7	1.2	0.8	1.8	5.9	8.9	29.9	16.2	45.8	38.9	14.6	24.0	2.2	8.8	1.6	3.2	81.6	64.0	16.8	32.8	4.6	4.7
Ga.	-	-	-	-	*	0.6	0.1	0.7	1.3	6.5	15.0	23.2	54.2	44.7	23.7	18.9	5.7	5.4	0.1	1.3	70.5	74.4	29.4	24.3	4.8	4.6
Ala.	*	*	0.3	0.2	1.9	0.7	2.3	0.5	12.1	2.6	26.9	14.2	37.3	46.5	14.1	24.9	5.1	10.4	4.5	1.4	76.3	63.3	19.2	35.3	4.5	4.8
Miss.	*	*	0.4	*	1.9	0.3	2.6	0.5	18.0	3.8	41.7	23.4	30.5	50.6	4.6	18.1	0.3	3.3	4.9	0.8	90.2	77.8	4.9	21.4	4.3	4.6
Tenn.	0.1	-	0.9	*	3.6	*	4.1	0.2	26.2	4.6	37.9	20.7	24.6	45.0	2.3	17.8	0.3	11.7	8.7	0.2	88.7	70.3	2.6	29.5	4.1	4.7
Mo.	*	-	0.7	-	4.8	*	6.8	0.3	35.2	5.1	38.9	20.9	12.6	37.3	1.0	24.2	*	12.2	12.3	0.3	86.7	63.3	1.0	36.4	4.0	4.7
Ark.	*	*	0.3	*	1.9	0.2	2.4	0.3	13.9	3.0	31.0	18.5	34.6	53.1	11.9	20.8	4.0	4.1	4.6	0.5	79.5	74.6	15.9	24.9	4.4	4.7
Ia.	*	*	0.1	0.2	1.2	1.0	1.6	1.2	8.2	4.5	28.4	12.5	43.0	45.2	14.1	28.9	3.4	6.5	2.9	2.4	79.6	62.2	17.5	35.4	4.5	4.7
Okla.	0.3	*	0.6	0.6	1.4	3.0	1.4	3.7	7.3	17.9	18.8	33.3	32.0	31.3	20.2	8.0	18.0	2.2	3.7	7.3	58.1	82.5	38.2	10.2	4.7	4.3
Tex.	3.0	*	6.4	0.6	9.8	2.6	7.1	3.6	22.3	20.6	25.4	35.9	18.4	27.0	5.6	6.6	2.0	3.1	26.3	6.8	66.1	83.5	7.6	9.7	3.9	4.3
N. M.	2.8	*	6.9	0.6	10.4	3.0	8.5	4.4	33.9	32.7	31.9	50.7	5.2	7.8	0.4	0.7	*	0.1	28.6	8.0	71.0	91.2	0.4	0.8	3.7	4.0
Ariz.	0.4	0.1	1.2	0.6	2.1	1.3	1.6	1.1	6.9	5.6	23.0	19.2	41.2	42.7	19.1	22.6	4.5	6.8	5.3	3.1	71.1	67.5	23.6	29.4	4.6	4.7
Calif.	0.3	0.1	1.2	1.1	3.1	2.3	4.4	2.0	33.2	16.5	44.7	50.9	11.2	24.0	1.6	2.7	0.3	0.4	9.0	5.5	89.1	91.4	1.9	3.1	4.0	4.2
Other	0.1	-	-	0.3	0.2	4.1	0.7	7.0	9.3	35.7	35.0	35.0	35.1	9.0	14.6	8.5	5.0	0.4	1.0	11.4	79.4	39.7	19.6	8.9	4.5	4.0
U. S.	1.1	*	2.5	0.5	4.7	1.8	4.3	2.2	20.8	13.6	32.6	32.8	24.4	34.0	7.4	11.5	2.2	3.6	12.6	4.5	77.8	80.4	9.6	15.1	4.2	4.4

1/ Data for current season are preliminary.

\* Less than 0.05 percent.



Table 5. Percentage distribution of fiber strength for upland cotton ginnings prior to January 1, this season and last season, by states 1/

State	Zero Gage Fiber Strength (Mpsi)																		Average strength	
	64 & below		65-69		70-74		75-79		80-84		85-89		90-94		95-99		100 & above		1976	1977
	Pct.	Pct.	1976	Pct.	1977	Pct.	Pct.	1976	Pct.	1977	Pct.	Pct.	1976	Pct.	1977	Pct.	Pct.	1976		
N. C.	-	-	0.1	-	0.3	0.1	6.5	2.3	40.2	16.6	42.3	47.6	10.4	28.6	0.2	4.8	-	-	84.9	87.8
S. C.	-	-	-	0.2	0.8	0.4	9.0	7.2	41.0	27.2	39.6	40.1	9.0	21.0	0.6	3.7	-	0.2	84.4	86.2
Ga.	-	-	*	-	2.4	1.6	15.0	12.8	39.8	35.8	33.6	33.5	8.8	13.4	0.4	2.7	*	0.2	83.7	84.7
Ala.	-	-	*	0.2	3.4	2.8	23.0	16.9	41.5	38.8	26.3	30.6	5.0	9.0	0.8	1.7	-	*	82.5	83.5
Miss.	-	-	*	*	0.1	0.7	3.3	6.7	25.0	35.7	44.9	38.8	22.6	15.0	3.7	3.0	0.4	0.1	87.0	85.5
Tenn.	-	-	-	*	0.6	0.2	9.5	7.7	44.0	31.9	37.8	40.5	8.0	17.2	0.1	2.3	-	0.2	84.2	85.8
Mo.	-	-	-	-	0.1	1.6	4.6	15.0	36.1	44.9	48.8	28.9	9.7	8.7	0.6	0.7	0.1	0.2	85.3	83.6
Ark.	-	-	-	*	0.1	0.4	4.0	7.3	27.1	32.7	41.0	41.3	22.1	15.8	5.1	2.2	0.6	0.3	86.9	85.6
La.	-	-	*	*	0.6	2.0	4.9	17.9	23.3	42.3	36.2	30.0	24.3	7.1	9.3	0.6	1.4	0.1	87.6	83.3
Okla.	-	-	-	0.2	0.9	2.5	10.6	21.2	37.7	33.8	38.5	27.7	11.0	10.9	1.1	2.9	0.2	0.8	84.6	83.8
Tex.	-	-	0.1	0.1	3.6	0.9	24.2	7.7	40.6	26.3	22.7	33.3	6.6	21.5	1.8	8.0	0.4	2.2	82.6	87.0
N. M.	-	-	*	*	1.4	0.3	8.0	2.2	11.7	7.9	19.0	19.0	26.1	32.5	22.5	24.8	11.3	13.3	90.7	92.6
Ariz.	-	-	*	*	1.2	0.9	16.5	8.0	50.6	28.2	25.8	39.5	5.1	18.0	0.8	4.3	*	1.1	83.0	86.1
Calif.	-	-	*	*	*	*	1.0	0.8	5.8	7.4	19.6	23.2	36.2	30.3	28.9	23.6	8.5	14.7	92.6	92.7
U. S.	-	-	*	*	1.4	0.8	11.5	7.4	29.3	25.7	28.6	32.3	17.8	20.5	9.1	9.1	2.3	4.2	86.4	87.4

1/ Data for current season are preliminary.

\* Less than 0.05 percent.

Table 6. Percentage distribution of the grade of upland cotton ginned prior to January 1, this season and last season, by states 1/

State	White										Light Spotted										Other colored		Below Grade		Grade index 2/						
	SM	M+	M	SLM+	SLM	LM+	LM	SGO+	SM	M	SLM	LM																			
	21	30	31	40	41	50	51	60	22	32	42	52																			
	& higher	1976	Pct.	1977	Pct.	1976	Pct.	1977	Pct.	1976	Pct.	1977	Pct.	1976	Pct.	1977	Pct.	1976	Pct.	1977	Pct.	1976	Pct.	1977	Pct.						
N. C.	-	-	0.1	-	0.9	0.6	1.7	0.6	49.8	26.9	13.0	6.6	17.0	32.3	0.7	5.8	-	-	0.9	0.2	10.0	14.8	1.6	8.1	4.2	3.6	0.1	0.5	90.7	87.3	
S. C.	0.1	0.2	-	-	4.2	3.3	2.8	0.9	38.8	32.9	7.9	4.0	13.4	21.6	1.6	2.9	0.3	*	5.0	2.1	11.2	18.3	3.6	8.9	10.7	4.4	0.4	0.5	90.5	88.7	
Ga.	*	*	*	-	0.7	1.5	0.2	0.7	31.0	20.7	4.9	1.5	27.4	10.5	2.3	1.7	*	*	1.4	4.7	18.6	31.2	8.1	13.6	4.8	12.4	0.6	1.5	88.1	87.1	
Ala.	0.1	0.1	*	-	4.5	1.8	2.6	0.3	47.3	13.8	3.7	0.4	11.0	3.4	1.3	0.3	*	0.2	2.6	5.1	13.2	35.9	4.4	11.7	8.7	25.6	0.6	1.4	90.4	86.4	
Miss.	0.2	*	*	*	8.2	2.0	1.8	1.5	54.9	33.4	3.7	4.2	20.2	35.8	2.7	5.4	*	*	1.0	0.5	4.7	9.1	1.8	6.1	0.6	1.4	0.2	0.6	91.5	88.1	
Tenn.	0.4	0.1	-	*	10.8	3.9	1.8	1.7	38.8	24.5	2.5	1.7	10.9	12.3	1.5	2.2	0.1	*	4.5	2.2	14.7	26.4	5.6	17.0	7.6	6.2	0.8	1.8	90.8	87.5	
Mo.	0.3	*	-	-	13.6	1.0	1.6	0.2	41.9	29.8	3.8	2.6	6.8	15.8	0.8	1.2	*	-	5.7	2.2	12.2	28.6	3.7	10.4	8.8	7.5	0.8	0.7	91.8	88.2	
Ark.	0.1	*	*	*	13.1	2.6	3.1	1.8	56.6	38.5	4.2	4.5	11.3	19.1	0.9	1.5	*	*	1.9	1.4	6.3	20.4	1.2	6.9	1.2	3.0	0.1	0.3	92.9	89.6	
Ia.	0.2	0.2	0.1	*	20.8	13.7	2.4	1.7	55.7	50.1	2.7	3.2	9.4	10.2	1.2	1.5	*	*	1.9	3.5	4.2	11.8	0.9	2.7	0.4	1.2	0.1	0.2	93.8	92.5	
Okla.	*	0.1	-	*	2.0	5.0	0.2	1.4	6.4	13.8	0.5	0.9	3.9	8.0	0.8	1.3	0.1	0.1	15.2	13.3	34.1	35.7	9.5	12.4	26.7	7.5	0.6	0.5	88.1	89.0	
Tex.	0.2	1.0	*	0.1	4.4	23.6	0.4	5.9	15.2	25.9	0.3	1.8	6.8	3.5	1.5	0.6	0.1	0.3	12.2	20.3	23.9	13.6	9.1	1.6	25.5	1.7	0.4	0.1	88.5	94.7	
N. M.	1.5	0.9	*	*	26.7	24.1	10.1	7.8	21.2	34.7	2.9	5.5	3.9	2.7	1.0	0.4	0.5	*	9.2	11.9	7.5	9.8	1.7	1.3	13.1	0.7	0.7	0.2	93.5	94.8	
Ariz.	0.7	0.7	-	0.6	30.4	21.3	4.8	3.4	38.9	50.3	1.7	1.7	3.9	6.0	0.7	1.0	0.1	0.1	9.3	4.4	6.5	6.8	1.7	2.2	0.6	1.0	0.7	0.5	94.9	94.0	
Calif.	0.4	2.4	*	*	2.1	26.6	42.7	12.6	20.4	47.3	21.5	2.4	1.2	5.6	2.7	1.5	0.6	*	0.1	0.7	2.9	1.4	2.3	0.6	0.7	0.7	0.3	0.2	0.1	94.9	97.0
Other	3.4	2.0	-	1.3	11.0	15.5	4.8	1.8	54.2	28.6	1.8	2.6	8.1	16.9	0.6	1.0	-	-	1.2	0.3	9.6	19.2	1.3	9.1	3.8	1.5	0.2	0.2	93.1	91.0	
U. S.	0.3	1.0	*	0.5	14.0	20.7	4.4	7.1	37.3	29.4	2.2	2.2	8.9	9.5	1.5	1.3	0.1	0.2	5.7	9.7	11.5	12.4	4.1	3.5	9.7	2.2	0.3	0.3	91.7	93.3	

1/ Data for current season are preliminary.

2/ Middling White equals 100.

\* Less than 0.05 percent.



Table 7. Percentage distribution of the staple of upland cotton ginned prior to January 1, this season and last season, and total ginnings, by states 1/

State	Staple																		Average staple 2/		Total upland ginnings					
	28 and shorter		29	30	31	32	33	34	35	36	37	38 and longer		Average staple 2/		Total upland ginnings										
	1976	1977	1976	1977	1976	1977	1976	1977	1976	1977	1976	1977	1976	1977	1976	1977	1976	1977								
N. C.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Bales	Bales						
	-	-	-	-	-	-	0.2	0.5	5.1	18.7	55.8	67.1	38.3	13.6	0.6	0.1	-	-	35.3	34.9	50,817					
S. C.	-	-	-	-	-	0.2	0.2	1.9	12.1	10.1	61.5	47.6	25.1	37.1	1.1	3.0	*	0.1	35.1	35.3	101,484					
Ga.	-	-	-	-	*	0.2	0.1	1.9	1.7	22.7	36.2	48.2	60.6	26.8	1.4	0.2	*	-	34.6	34.0	70,953					
Ala.	-	-	*	0.1	*	0.3	0.8	4.8	32.0	41.5	48.2	45.5	18.4	7.7	0.6	0.1	*	*	33.9	33.6	260,826					
Miss.	-	-	-	*	*	*	0.5	*	13.0	1.4	64.3	21.9	21.6	68.0	0.6	8.6	*	0.1	-	*	34.1	34.8	1,568,786			
Tenn.	-	-	*	-	-	0.1	0.1	2.3	1.8	42.6	37.6	49.8	56.1	4.9	4.4	0.3	*	*	-	33.6	33.6	247,185				
Mo.	-	*	-	-	-	*	0.1	0.2	7.4	4.4	59.1	51.1	32.2	43.1	1.2	1.2	-	-	-	-	34.3	34.4	225,883			
Ark.	-	-	-	*	*	*	0.4	*	8.6	0.8	60.1	24.1	30.1	68.9	0.8	6.2	*	*	-	-	34.2	34.8	1,012,699			
Ia.	-	-	-	-	*	-	0.1	-	1.9	*	16.6	0.4	51.5	27.5	29.2	69.0	0.7	3.1	*	*	-	34.1	34.7	636,325		
Okla.	0.7	*	5.1	0.1	29.6	2.3	29.3	13.2	20.9	39.0	7.1	30.2	3.4	10.7	3.2	3.0	0.7	1.4	-	0.1	-	31.2	32.5	396,366		
Tex.	0.2	0.1	2.2	1.1	16.1	11.6	28.2	28.6	23.9	26.6	15.0	17.2	10.5	11.9	2.8	2.2	0.8	0.6	0.3	0.1	*	31.8	32.0	5,192,665		
N. M.	0.3	*	1.1	*	3.0	0.8	3.9	3.1	3.6	5.0	2.1	3.1	5.1	3.2	10.8	8.7	43.1	40.8	26.1	34.4	0.9	0.9	35.4	35.7	143,363	
Ariz.	*	*	*	*	0.1	0.2	0.1	0.2	0.9	0.9	1.6	2.4	17.1	31.6	74.2	61.2	5.5	2.4	0.3	0.5	0.2	0.6	34.8	34.7	924,986	
Calif.	*	*	-	*	0.1	*	*	0.1	0.2	0.3	0.6	4.2	7.9	53.4	50.4	41.9	40.7	0.1	0.1	-	-	35.4	35.3	2,702,358		
Other	-	-	-	-	-	-	-	-	0.3	-	8.8	4.3	43.6	49.1	36.2	25.3	10.9	21.1	0.2	0.2	-	-	34.5	34.6	6,472	
U. S.	0.1	*	0.8	0.4	5.5	4.5	9.1	11.4	8.0	11.6	10.1	9.7	24.8	17.4	29.5	33.5	11.8	11.0	0.3	0.5	*	*	33.7	33.7	9,828,891	13,541,168

1/ Data for current season are preliminary.

2/ Expressed in thirty-seconds of an inch.

\* Less than 0.05 percent.

Table 8. Percentage of ginnings reduced in grade, by specified causes, prior to January 1, this season and last season, by states 1/

State	Grade reductions							
	Grass		Bark		Other causes		Total reductions	
	1976	1977	1976	1977	1976	1977	1976	1977
	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.
North Carolina	5.9	7.5	0.2	-	*	*	6.1	7.5
South Carolina	10.4	11.9	1.1	0.4	*	*	11.5	12.3
Georgia	1.3	7.2	8.3	0.8	*	0.1	9.6	8.1
Alabama	9.6	3.4	0.5	1.7	-	*	10.1	5.1
Mississippi	7.7	6.2	0.7	1.9	*	*	8.4	8.1
Tennessee	10.2	3.7	0.9	1.3	0.1	*	11.2	5.0
Missouri	1.1	0.5	0.4	0.8	*	*	1.5	1.3
Arkansas	3.0	3.5	0.2	0.6	*	*	3.2	4.1
Louisiana	6.0	6.3	1.4	1.5	*	*	7.4	7.8
Oklahoma	1.1	1.5	17.1	15.1	-	*	18.2	16.6
Texas	1.3	3.2	29.2	1.6	*	*	30.5	4.8
New Mexico	1.0	1.3	10.1	1.9	*	0.2	11.1	3.4
Arizona	2.1	2.1	2.7	2.7	0.1	0.1	4.9	4.9
California	2.9	3.0	0.5	0.2	*	0.1	3.4	3.3
Other	5.3	5.1	0.7	4.0	-	-	6.0	9.1
United States	3.4	3.5	10.1	1.7	*	0.1	13.5	5.3

1/ Data for current season are preliminary.

\* Less than 0.05 percent.

Table 9. American Pima cotton ginned in the United States, by grade and staple 1/

Grade and Staple	Code	December 1-31				Season through December 31			
		1976	1977	1976	1977	1976	1977	1976	1977
Grade		Bales	Bales	Pct.	Pct.	Bales	Bales	Pct.	Pct.
1	(10)	5	-	*	-	5	-	*	-
2	(20)	209	18	0.9	0.1	1,237	119	2.1	0.1
3	(30)	6,571	2,796	27.6	8.7	17,076	16,593	29.6	18.3
4	(40)	14,026	24,053	58.9	75.2	32,492	60,546	56.2	66.7
5	(50)	2,359	4,119	9.9	12.9	5,782	11,778	10.0	13.0
6	(60)	404	668	1.7	2.1	925	1,257	1.6	1.4
7	(70)	143	153	0.6	0.5	155	259	0.3	0.3
8	(80)	22	68	0.1	0.2	22	68	*	0.1
9	(90)	38	86	0.2	0.3	38	86	0.1	0.1
10	(00)	29	9	0.1	*	29	9	0.1	*
Total		23,806	31,970	100.0	100.0	57,761	90,715	100.0	100.0
<b>Staple</b>									
40 and shorter		-	-	-	-	-	-	-	-
42		208	384	0.9	1.2	220	384	0.4	0.4
44		11,572	12,882	48.6	40.3	35,008	41,322	60.6	45.6
46		12,026	18,704	50.5	58.5	22,533	49,009	39.0	54.0
48 and longer		-	-	-	-	-	-	-	-
Total		23,806	31,970	100.0	100.0	57,761	90,715	100.0	100.0

1/ Data for current season are preliminary.

\* Less than 0.05 percent.



Table 10. Percentage distribution of micronaire readings for America Pima ginnings prior to January 1, this season and last season, by states 1/

Readings	State						United States	
	Texas		New Mexico		Arizona			
	1976	1977	1976	1977	1976	1977	1976	1977
	<u>Percent</u>		<u>Percent</u>		<u>Percent</u>		<u>Percent</u>	
2.4 and below	-	-	-	-	-	-	-	-
2.5	0.2	-	-	-	-	-	*	-
2.6	0.4	-	-	-	-	-	0.1	-
2.7	0.4	0.1	0.3	0.3	*	*	0.1	0.1
2.8	1.1	0.1	1.3	0.4	*	-	0.3	0.1
2.9	1.5	0.6	1.3	1.1	0.1	*	0.4	0.3
3.0	2.2	0.6	2.7	2.1	0.3	0.3	0.7	0.5
3.1	3.1	1.3	2.1	3.4	0.4	0.4	0.9	0.9
3.2	4.3	1.7	4.8	4.3	0.9	0.6	1.7	1.2
3.3	4.7	2.5	5.7	4.9	1.2	1.0	2.0	1.8
3.4	6.1	4.1	3.7	8.1	1.7	1.8	2.5	3.1
3.5	9.1	6.5	5.1	13.8	4.9	5.2	5.6	6.1
3.6	11.0	8.8	6.8	11.0	6.6	8.1	7.4	8.5
3.7	9.0	11.2	8.9	12.7	6.9	9.3	7.3	10.2
3.8	10.0	13.0	9.5	11.3	11.0	15.3	10.8	14.3
3.9	7.2	13.8	10.6	7.9	12.4	13.7	11.5	13.4
4.0	7.5	12.5	9.4	7.5	14.4	15.3	12.9	13.9
4.1	6.7	9.4	9.0	7.1	12.7	10.6	11.6	9.9
4.2	5.7	6.9	7.1	1.9	11.7	9.9	10.5	8.3
4.3	3.9	3.3	2.4	1.4	6.2	4.3	5.6	3.7
4.4	3.2	2.0	3.8	0.8	5.5	3.1	5.0	2.5
4.5	1.9	1.2	0.9	-	2.0	0.8	1.9	0.9
4.6	0.8	0.3	4.6	-	0.6	0.2	0.8	0.2
4.7	-	0.1	-	-	0.1	0.1	0.1	0.1
4.8	-	*	-	-	0.4	-	0.3	*
4.9	-	*	-	-	-	-	-	*
5.0 and above	-	-	-	-	-	-	-	-
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Average mike	3.7	3.8	3.8	3.6	4.0	3.9	3.9	3.9

1/ Data for current season are preliminary.

\* Less than 0.05 percent.

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PROCUREMENT SECTION  
OFFICE OF THE DIRECTOR

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